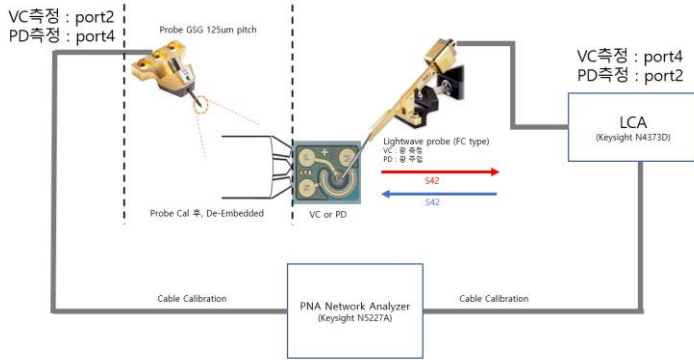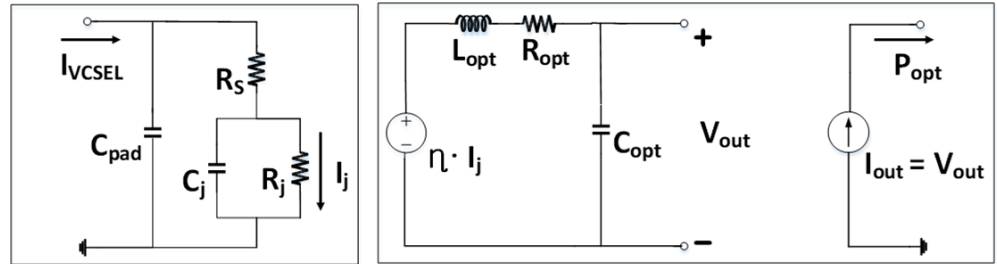# 2021-2 Works

- ## Modeling of VCSEL

< VCSEL S-parameters Measurement >

< VCSEL SPICE model >

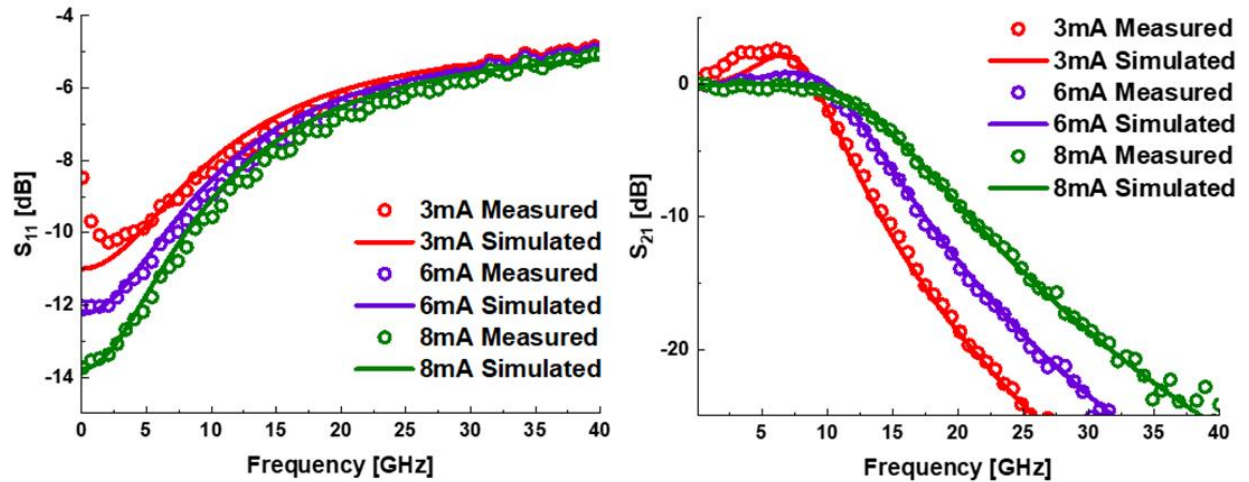### < S-parameters small signal fitting >

2022-1 Works

- ## VCSEL model - large signal fitting

< VCSEL step-response Measurement >

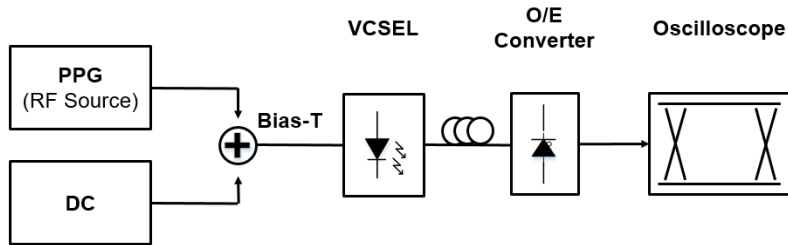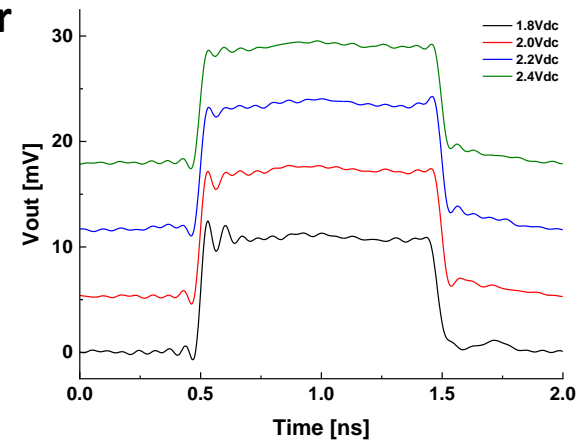**< Measured data for large signal fitting>**

- ## Nonlinear DAC for heater control

< Segmented DAC >